

POULTRY MANURE STACK FACILITY

OPERATION AND MAINTENANCE (O&M) PLAN

PURPOSE

To temporarily store poultry manure as a part of an overall Waste Management Plan and to protect surface and ground water from possible pollution. The storage is required in order to properly apply these wastes to cropland or pastureland as rainfall and growing conditions will permit.

OPERATION

The manure should be stacked to a maximum height of 5 feet at the sides of the building and should not exceed 7 feet high in the center. Poultry litter goes through a natural decomposition process that generates heat. This heat is minimized if the litter is not stacked wet, not stacked too high and not compacted.

MAINTENANCE

The stack facility shall be maintained for the intended life of the structure. The stack facility should be inspected regularly for any maintenance needs. If walls or other parts of the building get damaged during loading and unloading, or from storms or other causes, they will have to be repaired or replaced by the owner/operator. Proper drainage away from structure should be maintained at all times to ensure that runoff water does not enter or pond near the structure. Gravel areas, if used at the building entrance, shall be maintained to provide proper drainage and to support the hauling equipment.

LAND APPLICATION OF POULTRY MANURE

Poultry manure is a resource that can be used to provide nutrients to crops and grasses and to improve soil properties. Land application of the poultry manure shall be at recommended agronomic rates in accordance with NRCS Practice Standard 590 - Nutrient Management and 633 - Waste Utilization. A Nutrient Management Plan shall also be utilized. Regular soil nutrient analyses and waste analyses are recommended to ensure the proper application rates are used and the plant nutrient needs are met.

CAUTION

Wet litter may create a fire hazard. For poultry operations with wet litter (i.e. hen operations), concrete walls shall be used.